

We claim:

1 1. A connector comprising:
2 a first contact that contacts a conductor of a first circuit;
3 a second contact that contacts a conductor of a second circuit; and
4 a capacitor coupled between the first and second contacts whereby,
5 the connector capacitively couples the conductor of the first circuit to the
6 conductor of the second circuit.

1 2. The connector of claim 1 further comprising an electrically insulative
2 body encapsulating the capacitor and carrying the first and second contacts.

1 3. The connector of claim 1 wherein one of the first and second contacts is
2 a male contact.

1 4. The connector of claim 1 wherein one of the first and second contacts is
2 a female contact.

1 5. The connector of claim 1 wherein the first and second contacts are
2 disposed along a substantially common line.

1 6. The connector of claim 1 wherein the first and second contacts are
2 disposed substantially transverse to each other.

1 7. The connector of claim 1 comprising a plurality of first contacts, a like
2 plurality of second contacts, and a like plurality of capacitors, each capacitor coupled
3 between a different respective pair of the first and second contacts.

1 8. The connector of claim 7 wherein the plurality of first contacts and the
2 plurality of second contacts lie in a substantially common plane.

1 9. The connector of claim 8 comprising plural contact sets of the plurality
2 of first and second contacts lying in a substantially common plane.

1 10. The connector of claim 9 wherein the plural contact sets are disposed
2 substantially parallel to each other.

1 11. The connector of claim 1 wherein one of the first and second circuits is
2 an integrated circuit.

1 12. The connector of claim 1 wherein one of the first and second circuits is
2 a printed circuitboard.

1 13. A connector comprising:
2 an insulative body;
3 a first contact carried by the body that contacts a conductor of a first circuit;
4 a second contact carried by the body that contacts a conductor of a second
5 circuit; and
6 a capacitor encapsulated within the body and coupled between the first and
7 second contacts whereby,
8 the connector capacitively couples the conductor of the first circuit to the
9 conductor of the second circuit.

1 14. The connector of claim 13 wherein one of the first and second contacts
2 is a male contact.

1 15. The connector of claim 13 wherein one of the first and second contacts
2 is a female contact.

1 16. The connector of claim 13 wherein the first and second contacts are
2 disposed along a substantially common line.

1 17. The connector of claim 13 wherein the first and second contacts are
2 disposed substantially transverse to each other.

1 18. The connector of claim 13 comprising a plurality of first contacts, a like
2 plurality of second contacts, and a like plurality of capacitors, each capacitor coupled
3 between a different respective pair of the first and second contacts.

1 19. The connector of claim 18 wherein the plurality of first contacts and the
2 plurality of second contacts lie in a substantially common plane.

1 20. The connector of claim 19 comprising plural contact sets of the plurality
2 of first and second contacts lying in a substantially common plane.

1 21. The connector of claim 20 wherein the plural contact sets are disposed
2 substantially parallel to each other.

1 22. The connector of claim 13 wherein one of the first and second circuits is
2 an integrated circuit.

1 23. The connector of claim 13 wherein one of the first and second circuits is
2 a printed circuitboard.

1 24. A connector comprising:
2 a plurality of first contact, each first contact contacting a respective one of a
3 like plurality of conductors of a first circuit;
4 a second like plurality of contacts, each second contact contacting a
5 respective one of a like plurality of conductors of a second circuit; and
6 a like plurality of capacitors coupled between respective pairs of the first and
7 second contacts whereby,
8 the connector capacitively couples each conductor of the first circuit to a
9 corresponding respective conductor of the second circuit.

1 25. The connector of claim 24 further comprising an electrically insulative
2 body encapsulating the capacitor and carrying the first and second contacts.

1 26. The connector of claim 24 wherein corresponding first and second
2 contacts are disposed along a substantially common line.

1 27. The connector of claim 24 wherein the first contacts and the second
2 contacts are disposed substantially transverse to each other.

1 28. The connector of claim 7 wherein the plurality of first contacts and the
2 plurality of second contacts are divided into contact sets and wherein the first and
3 second contacts of each contact set lie in a substantially common plane.

1 29. The connector of claim 28 wherein the contact sets are disposed
2 substantially parallel to each other.